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Catalogue E

C-S FLUSH SWITCHES

... and ...

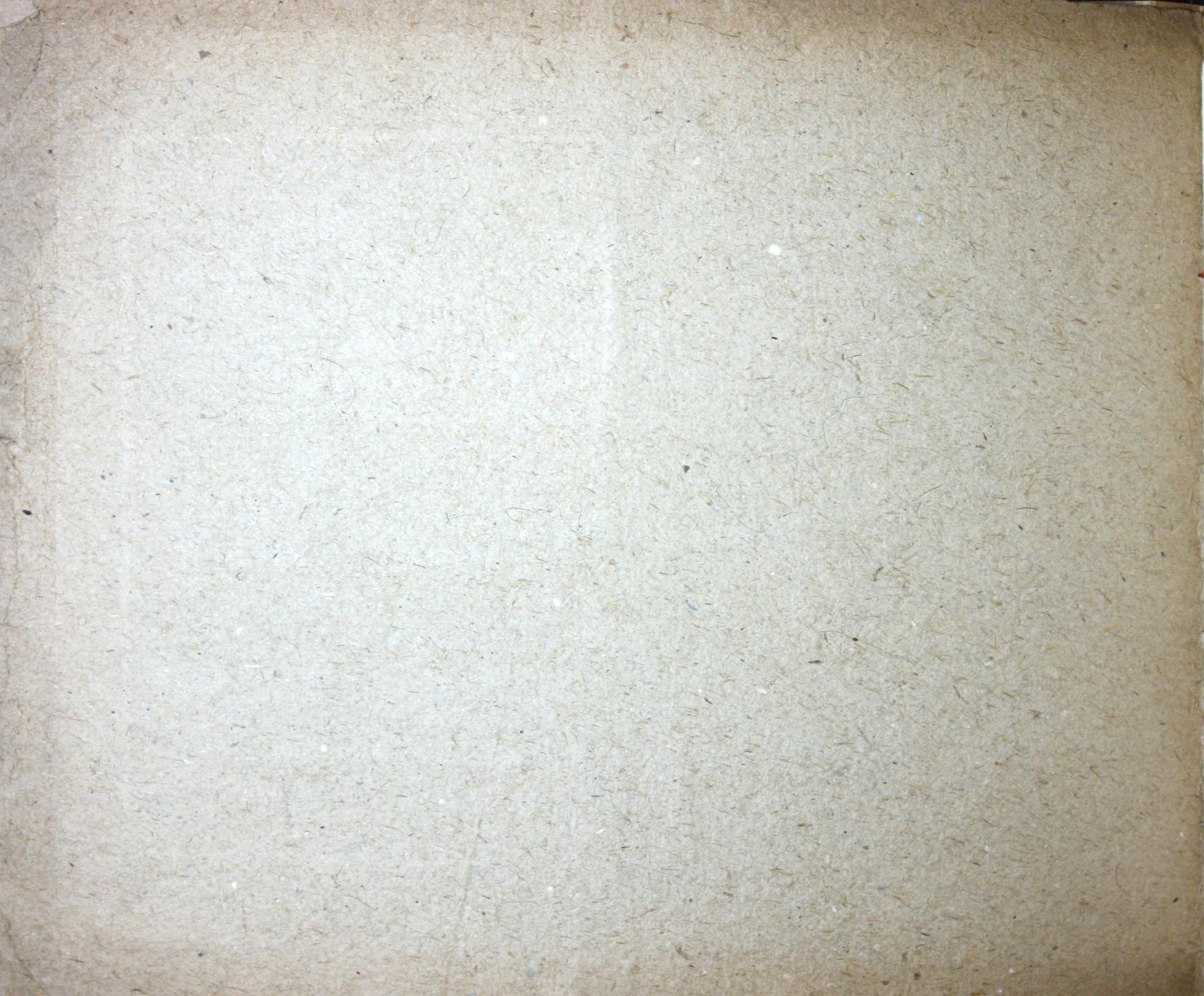
Accessories



The CUTTER ELECTRICAL and MFG. CO.

1112 Sansom Street, Philadelphia

U. S. A.



621-317
Cutter

DEC 21 1899

THE C-S FLUSH SWITCH

.. AND ..

.. ACCESSORIES ..

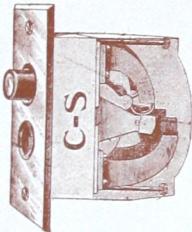
AWARD AT WORLD'S FAIR FOR SUPERIOR
DESIGN AND WORKMANSHIP

MANUFACTURED BY

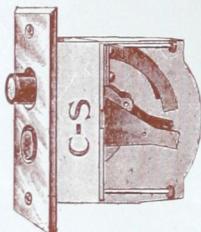
THE CUTTER ELECTRICAL AND MFG. CO.

1112 SANSOM STREET, PHILADELPHIA

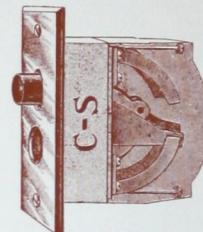
C-S FLUSH SWITCHES AND ACCESSORIES



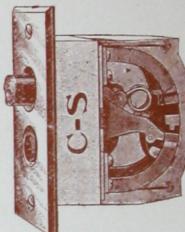
Double Pole.



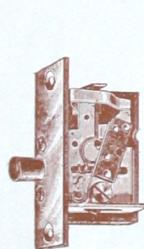
Single Pole.



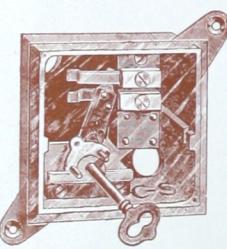
3-Way Commutation.



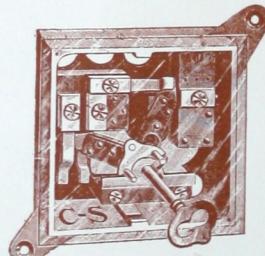
4-Way Commutation.



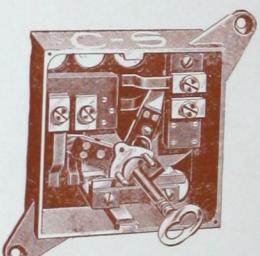
Automatic.



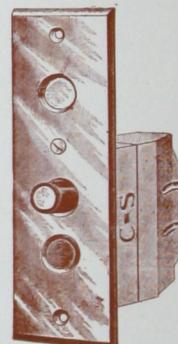
Single Pole Lock.



3-Way Lock.



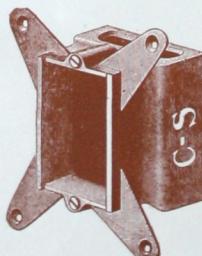
Double Pole Lock.



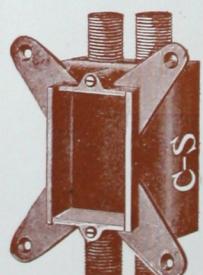
Special Plate.
One switch, one bell button.



Wood Mat.



Iron Wall Box, without nipples,
for interior conduit.



Iron wall box, with nipples,
for interior conduit.



Standard Iron Wall Box.

C-S Flush Switches and Accessories accepted by all Boards of Fire Underwriters, and conceded by the highest engineers and architects to be the standard of excellence for high-grade work.

INTRODUCTORY

THE C-S FLUSH SWITCH has been so long before the public and has enjoyed such a wide reputation that an extended introduction is unnecessary.

It is, however, our intention, in presenting this catalogue, to illustrate the newer forms which our long experience in exclusive manufacture dictates.

Believing that improvement is the order of the age, we have constantly improved the mechanical design of our product, and take the liberty of presenting this catalogue as an evidence thereof.

The original designs of the C-S Flush Switch remain the same, but the improvements are of such a character that they are productive of the best mechanically, artistically and electrically perfect, Flush Switch before the public.

C-S SPECIAL FORMS

The style of the face plate admits of an innumerable number of combinations.

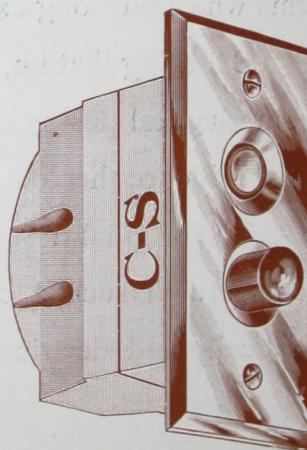
The Double Pole, Single Pole, 3-Way and 4-Way Commutation Switches are all of the same size and form. Any number of these in any combination may be mounted on the same plate.

Moreover, this construction admits of the combination of switches, gas-lighting keys, bell buttons and speaking tubes, mounted artistically on a single plate.

The face plates may be readily finished to conform to the surrounding furnishing.

While we illustrate but a few of the special forms, they do not, by any means, suggest limitation.

We shall be glad at all times to estimate on whatever combination and finish our customers desire.



C-S

DISTINCTIVE MERITS

The C-S Flush Switches and Accessories are the product of six years of careful study, and a full realization of what existing requirements demand.

The Push Switch is encased in a hard, vitreous, non-absorbent porcelain, thus making it entirely fire-proof.

The body of the switch is recessed into the wall, with only an ornamental face plate projecting.

By the arrangement of the button, the condition of a distant lamp, whether lighted or not, may be told at a glance.

The Switches are of ample carrying capacity and are all tested on double the amount of current they are designed to carry in service.

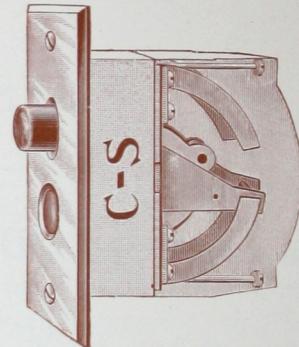
Endorsed by all Boards of Fire Underwriters.

**3-WAY COMMUTATION
DOUBLE BREAK
CODE WORD K**

Capacity, 10 ampères, \$2 50

Nickel or Polished Brass

SKETCH OF CONNECTION

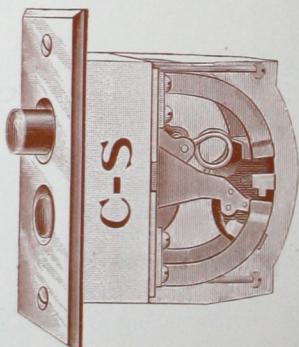
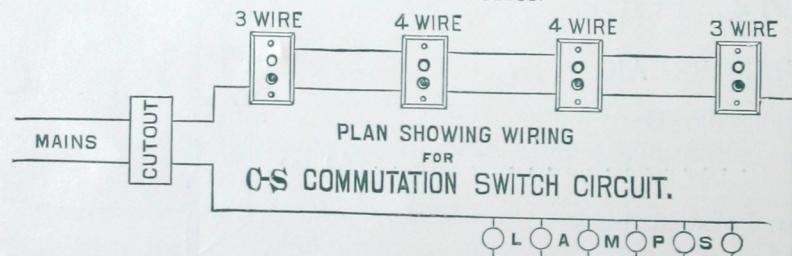


**4-WAY COMMUTATION
DOUBLE BREAK
CODE WORD R**

Capacity, 5 ampères, \$4 00

Nickel or Polished Brass

SKETCH OF CONNECTION



All successive stations should be supplied with 4-Way Commutation Switches

FOR SPECIAL FINISHES, SEE PAGE 6

C-S FLUSH SWITCHES

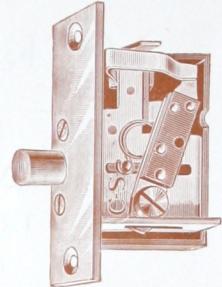
AUTOMATIC

DOUBLE BREAK

CODE LETTER **N**

Capacity, 5 ampères, LIST
\$2 00
Polished Brass

IDEA:—This Switch is to be placed in the jamb of door. By reason of its construction, the opening of the door turns on the light and the closing turns off the light.



C-S LOCK SWITCHES

The mechanism in this type of Switch is encased in a thoroughly insulated iron case, which acts as a wall box.

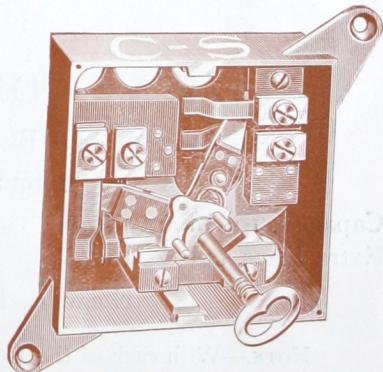
DOUBLE POLE

DOUBLE BREAK

CODE LETTER **O**

Capacity, 15 ampères, LIST
\$2 50
Extra Keys, per dozen, I 25

Nickel or Polished Brass



FOR SPECIAL FINISHES, SEE PAGE 6

C-S
LOCK SWITCHES

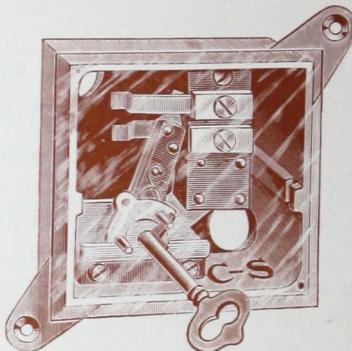
SINGLE POLE

DOUBLE BREAK

CODE LETTER **M**

| | |
|----------------------------------|----------------|
| Capacity, 10 ampères, | LIST \$2 00 |
| Extra Keys, per dozen, | I 25 |

Nickel or Polished Brass



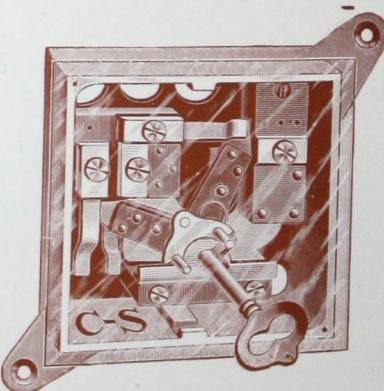
3-WAY COMMUTATION

DOUBLE BREAK

CODE LETTER **L**

| | |
|----------------------------------|----------------|
| Capacity, 10 ampères, | LIST \$2 50 |
| Extra Keys, per dozen, | I 25 |

Nickel or Polished Brass



NOTE.—With each of the Lock Switches two Keys are furnished, one for operating and one for removing face plates.

FOR SPECIAL FINISHES, SEE PAGE 6

ACCESSORIES

WOOD MATS



MADE IN ANY STYLE OR FINISH OF WOOD

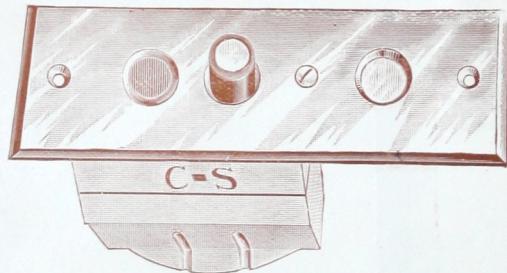
Furnished in the common woods, Oak, Ash, Cherry, etc.

| | |
|-----------------------------------|--------|
| No. 1. For 1 Switch, | \$0 30 |
| Each additional Switch, | 15 |

Furnished in the rare woods, such as Mahogany, Rosewood, Ebony, Boxwood, White Enamel, etc.

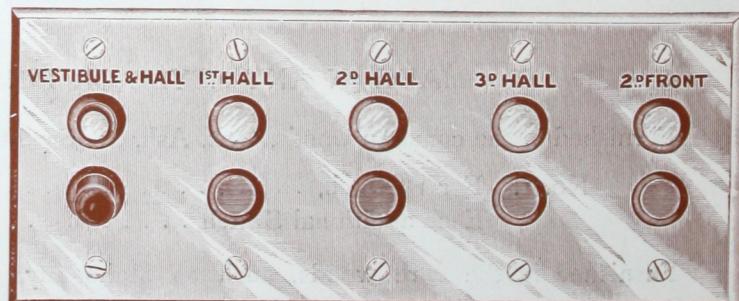
| | |
|-----------------------------------|--------|
| No. 1. For 1 Switch, | \$0 50 |
| Each additional Switch, | 25 |

C-S
SPECIAL FACE PLATES



PRICES BELL BUTTONS.

| | |
|--------------------------|--------------|
| 1 Bell Button, | list, \$0 60 |
| 1 Gas Key, | " 90 |



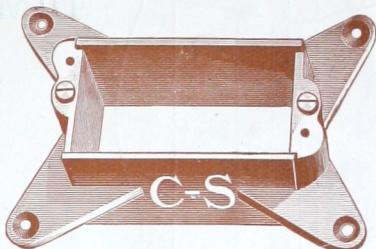
Any number of special forms may be made to specification. These cuts illustrate a few of the various combinations we have made at different times. While we cannot list prices for this special work, we should be pleased to submit prices on receipt of specifications.

ACCESSORIES

IRON WALL BOXES

STYLE 200

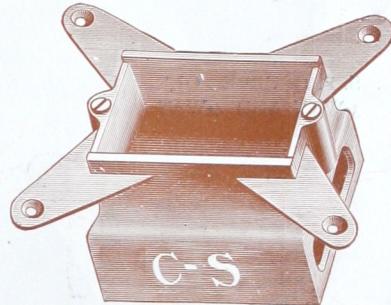
| | | | |
|-----------------------------------|--------|---------------------------|--------|
| For 1 Switch, | \$0 15 | For 4 Switches, | \$0 51 |
| " 2 Switches, | 27 | " 5 " | 63 |
| " 3 " | 39 | " 6 " | 75 |
| Each additional Switch, | | | 15 |



STYLE 300

| | | | |
|-----------------------------------|--------|---------------------------|--------|
| For 1 Switch, | \$0 45 | For 4 Switches, | \$1 53 |
| " 2 Switches, | 81 | " 5 " | 1 89 |
| " 3 " | 1 17 | " 6 " | 2 25 |
| Each additional Switch, | | | 36 |

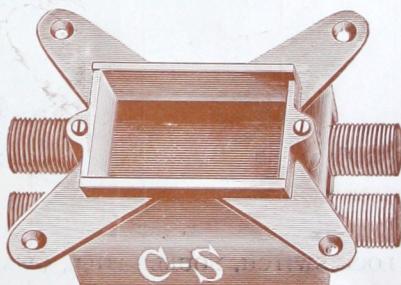
Hole in top and bottom of box is arranged for reception of two $\frac{3}{8}$ or $\frac{1}{2}$ inch brass or iron conduits.



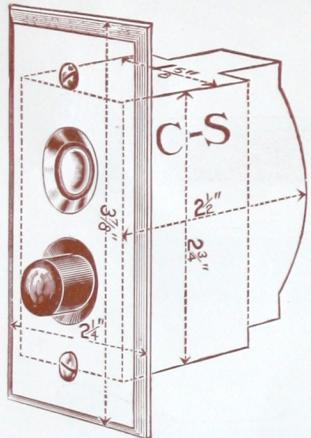
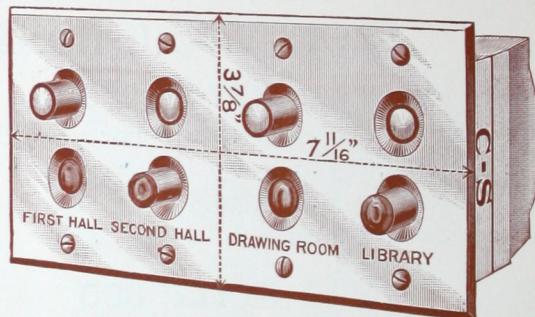
STYLE 400

| | | | |
|-----------------------------------|--------|----------------------|--------|
| No. 1 Box, | \$0 75 | No. 4 Box, | \$2 25 |
| " 2 " | 1 25 | " 5 " | 2 75 |
| " 3 " | 1 75 | " 6 " | 3 25 |
| Each additional Switch, | | | 50 |

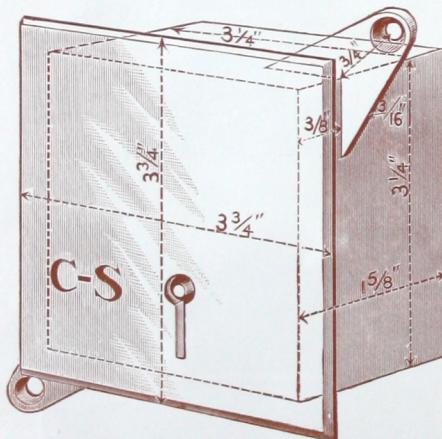
Box fitted with nipples for either $\frac{3}{8}$ or $\frac{1}{2}$ inch iron conduit, or, if preferred, tapped for either size tube. In ordering styles 300 or 400, state particularly what size or fitting of conduit is required.



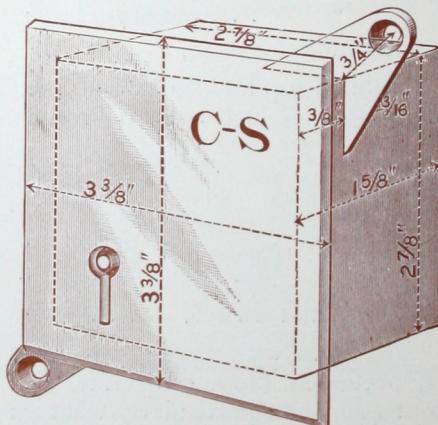
DIMENSIONS C-S SWITCHES

S. P. DOUBLE POLE
3-WAY AND 4-WAY

GANG MOUNTING



LOCK SWITCH, DOUBLE POLE, 3-WAY



LOCK SWITCH, SINGLE POLE

Some of the many users of the **C. S. Flush Switches** are the following:

The character of these names bears out our claim that the C-S Switches are the standard for high-grade work.

RESIDENCES

| | |
|---------------------------------|---|
| Cornelius Vanderbilt, New York. | Harry Darlington, Pittsburg. |
| C. P. Huntington, " " | C. W. Bergner, Philadelphia. |
| H. R. Bishop, " " | P. A. B. Widener, " |
| William D. Sloan, " " | W. L. Elkins, " |
| Chas. F. Yerkes, " " | Robt. C. Ogden, " |
| E. F. Gerry, " " | Geo. W. Vanderbilt, Biltmore, North Carolina. |
| D. E. Park, Pittsburg. | P. D. Armour, Jr., Chicago. |

PUBLIC BUILDINGS AND OFFICES

| | |
|--|--|
| Office Public Printer, Washington, D. C. | Metropolitan Life Insurance Co., New York. |
| Masonic Temple, Detroit, Mich. | Vapley Building, Detroit, Mich. |
| City Hall, Philadelphia. | Home Bank Building, Detroit, Mich. |
| Prescott Building, New York City. | Jos. Horne & Co., Pittsburg. |
| American Tract Society, New York City. | Carnegie Building, " |
| American Surety Co., " " " | Broad Street Station, Philadelphia. |

HOTELS

| | |
|---------------------------------|-----------------------------|
| The Netherlands, New York City. | The Waldorf, New York City. |
| The Savoy, " " " | Great Northern, Chicago. |

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